

# **EXPLORE<sup>®</sup>**



**PROFILE SUMMARY REPORT  
KENTUCKY EPAS 2006–2007**

**CODE 99999999**

**TEST DATE: 09–2006**

**NAT'L NORM GROUP: Fall 8th Grade**

## INTRODUCTION

This report summarizes the performance of your students who took the EXPLORE academic assessment. The report includes only students who have valid Composite scores and who tested under standard time limits.

The information in this report is organized to assist you in addressing certain issues that are common among schools. You will see these issues stated in the form of questions at the top of each table. The questions and the information presented may assist you in drawing conclusions and making decisions about programs, policies, or educational practices in your school.

Numerous social, economic, and school factors are known to contribute to educational achievement. Relatively few of these factors are represented in this report. Conclusions about educational programs or policies at your school, based on your students' achievement, are best supported by additional sources of information.

In making decisions or drawing conclusions based on differences between groups of students, caution should be employed when using EXPLORE means if the number of students in any group is less than 25. EXPLORE means are not reported for groups with fewer than 5 students. The validity of conclusions about student groups depends in part upon the accuracy of the information that is self-reported by the students at the time of testing and was not verified by ACT.

All test score data in this report reflect the new EXPLORE score scale (effective August 2001) and are not directly comparable to data reported prior to August 2001.

The following tables are included in this report:		Page
Table 1a	How do the EXPLORE scores of our students compare with those of students nationally? .....	2
Table 1b	How do the EXPLORE subscores of our students compare with those of students nationally? .....	3
Table 1c	How do the EXPLORE scores of our students relate to the College Readiness Standards score ranges? .....	3
Table 2	Do our students' EXPLORE scores differ by ethnic and gender groups? .....	4
Table 3	How do our students' EXPLORE Composite scores and course work plans relate to their educational plans? .....	5
Table 4	How do our students' EXPLORE Composite scores and course work plans relate to their needs for help? .....	5
Table 5a	How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career preferences from the Career Areas List?.....	6
Table 5b	How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career clusters from the World-of-Work Map? .....	7
Table 6	How did our students respond to the local supplemental items in block H? .....	8

Grade 8  
09–2006

National Norm Group: Fall 8th Grade

**TABLE 1a: How do the EXPLORE scores of our students compare with those of students nationally?**

EXPLORE score	English			Mathematics			Reading			Science			Composite			EXPLORE score
	Local Freq	CP*	Nat'l CP*	Local Freq	CP*	Nat'l CP*	Local Freq	CP*	Nat'l CP*	Local Freq	CP*	Nat'l CP*	Local Freq	CP*	Nat'l CP*	
25	431	100	100	401	100	100	215	100	100	352	100	100	48	100	100	25
24	468	99	99	0	99	98	589	99	99	742	99	99	159	99	99	24
23	733	98	98	680	99	97	957	98	98	0	98	98	358	99	99	23
22	901	97	96	0	98	96	0	96	97	1171	98	97	678	99	98	22
21	1148	95	93	1198	98	95	1358	96	95	1437	95	96	1073	97	96	21
20	1375	93	90	0	95	92	1661	94	94	1618	93	94	1469	95	94	20
19	1520	90	86	1563	95	89	0	90	91	3470	89	90	2053	92	90	19
18	1787	87	83	4036	92	83	1773	90	88	3708	82	84	2868	88	85	18
17	3893	83	78	4781	84	75	3990	87	85	6414	75	74	3657	82	79	17
16	2194	75	73	5331	74	64	2160	79	79	7951	62	60	4840	75	71	16
<u>15</u>	<u>4748</u>	<u>71</u>	<u>67</u>	<u>8323</u>	<u>64</u>	<u>53</u>	<u>4390</u>	<u>74</u>	<u>73</u>	<u>6222</u>	<u>46</u>	<u>45</u>	<u>5816</u>	<u>65</u>	<u>61</u>	<u>15</u>
14	2456	61	59	5610	47	41	6986	65	64	6348	33	30	6177	54	50	14
13	4878	56	50	2660	36	31	4666	51	54	5323	20	18	6349	41	37	13
12	4781	46	39	4900	30	23	7348	42	42	1960	10	10	5501	28	24	12
11	6397	37	28	2172	20	17	4909	27	29	1302	6	5	3975	17	14	11
10	5035	24	18	3460	16	12	5852	17	16	0	3	3	2469	9	7	10
9	4445	14	10	0	9	9	2000	5	7	828	3	1	1325	4	3	9
8	1271	5	5	1293	9	6	410	1	2	0	1	1	540	1	1	8
7	0	2	2	1182	6	4	175	1	1	428	1	1	134	1	1	7
6	429	2	1	806	4	3	60	1	1	0	1	1	25	1	1	6
5	282	1	1	552	2	2	17	1	1	168	1	1	4	1	1	5
4	199	1	1	327	1	1	0	1	1	65	1	1	0	1	1	4
3	91	1	1	225	1	1	0	1	1	0	1	1	0	1	1	3
2	51	1	1	16	1	1	0	1	1	8	1	1	0	1	1	2
1	5	1	1	2	1	1	2	1	1	3	1	1	0	1	1	1
Mean	13.6		14.2	14.2		15.1	13.8		13.8	15.8		15.9	14.5		14.9	Mean
S.D.	4.1		4.1	3.8		4.0	3.5		3.7	3.1		3.0	3.2		3.3	S.D.
Local percentage of students in national quartiles																
National quartile	% of local		Score range	% of local		Score range	% of local		Score range	% of local		Score range	% of local		Score range	National quartile
75–100%	25		17–25	26		17–25	26		16–25	25		18–25	25		17–25	75–100%
50–74%	29		13–16	28		15–16	32		13–15	29		16–17	34		14–16	50–74%
25–49%	23		11–12	17		13–14	25		11–12	25		14–15	13		13–13	25–49%
1–24%	24		1–10	30		1–12	17		1–10	20		1–13	28		1–12	1–24%

\* CP = Cumulative percent of students at or below a score point.

Total Students in Report: 49518  
 Total Students Tested: 49749  
 Records Excluded: Extended Time: 0  
                           No Composite: 231  
                           Ext Time & No Comp: 0

Notes: National normative data are based on students who took all four academic tests within standard time limits as part of a national study conducted in Fall 2005.

The underlined values show the national median EXPLORE Composite score and the percent of tested students at or below the national median of the norm group.

All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

Grade 8  
09–2006

National Norm Group : Fall 8th Grade

**TABLE 1b: How do the EXPLORE subscores of our students compare with those of students nationally?**

EXPLORE subscore	Usage/Mechanics			Rhetorical Skills			EXPLORE subscore
	Local Freq	CP*	Nat'l CP*	Local Freq	CP*	Nat'l CP*	
12	632	100	100	594	100	100	12
11	1467	99	99	1262	99	99	11
10	5173	96	93	4469	96	94	10
9	7342	85	81	3267	87	85	9
8	8173	70	65	8350	81	75	8
7	7825	54	48	5080	64	63	7
6	6510	38	33	11449	54	47	6
5	4908	25	20	9871	30	28	5
4	3387	15	11	3079	10	12	4
3	2224	8	5	1487	4	4	3
2	1563	4	2	529	1	1	2
1	314	1	1	81	1	1	1
Mean	7.0		7.4	6.7		6.9	Mean
S.D.	2.3		2.2	2.1		2.1	S.D.
Local percentage of students in national quartiles							
National quartile	% of local		Score range	% of local		Score range	National quartile
75–100%	30		9–12	36		8–12	75–100%
50–74%	17		8–8	10		7–7	50–74%
25–49%	29		6–7	43		5–6	25–49%
1–24%	25		1–5	10		1–4	1–24%

\* CP = Cumulative percent of students at or below a score point.

Total Students in Report: 49518  
 Total Students Tested: 49749  
 Records Excluded: Extended Time: 0  
                             No Composite: 231  
                             Ext Time & No Comp: 0

Notes: National normative data are based on students who took all four academic tests within standard time limits as part of a national study conducted in Fall 2005.

All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

**TABLE 1c: How do the EXPLORE scores of our students relate to the College Readiness Standards score ranges?**

Local percentage of students in College Readiness Standards score ranges											
CRS Range	English		Mathematics		Reading		Science		Composite		CRS Range
	Freq	% of Local	Freq	% of Local	Freq	% of Local	Freq	% of Local	Freq	% of Local	
24–25	899	2	401	1	804	2	1094	2	207	0	24–25
20–23	4157	8	1878	4	3976	8	4226	9	3578	7	20–23
16–19	9394	19	15711	32	7923	16	21543	44	13418	27	16–19
13–15	12082	24	16593	34	16042	32	17893	36	18342	37	13–15
1–12	22986	46	14935	30	20773	42	4762	10	13973	28	1–12

Grade 8  
09–2006

National Norm Group : Fall 8th Grade

**TABLE 2: Do our students' EXPLORE scores differ by ethnic and gender group?**

Group	Number of students	English	Usage/ Mech	Rhet Skills	Math	Reading	Science	Composite	% Planning core*
<b>Total sample</b>	<b>49518</b>	<b>13.6</b>	<b>7.0</b>	<b>6.7</b>	<b>14.2</b>	<b>13.8</b>	<b>15.8</b>	<b>14.5</b>	<b>24</b>
African American/Black	5117	12.0	6.2	5.9	12.5	12.2	14.6	12.9	16
Amer. Indian, Alaskan Native	543	13.2	6.9	6.6	13.9	13.3	15.5	14.1	28
Caucasian Amer./White	42186	13.9	7.2	6.9	14.4	14.1	16.0	14.7	25
Mexican Amer./Chicano	866	12.1	6.2	6.0	13.2	12.9	15.1	13.5	19
Asian Amer, Pacific Islander	392	15.5	7.9	7.6	16.8	15.4	17.6	16.5	29
Puerto Rican, Cuban, Hispanic	33	11.9	6.2	5.8	13.8	12.8	14.8	13.5	25
Multiracial	44	13.4	7.0	6.7	13.6	13.0	15.3	13.9	28
Other	108	13.4	7.0	6.6	13.5	13.5	15.1	14.0	19
Prefer not to respond	16	10.1	4.9	5.1	9.8	11.2	13.2	11.3	13
<b>Males</b>	<b>25388</b>	<b>12.9</b>	<b>6.6</b>	<b>6.5</b>	<b>14.0</b>	<b>13.4</b>	<b>15.7</b>	<b>14.1</b>	<b>23</b>
African American/Black	2622	11.2	5.7	5.6	12.1	11.8	14.3	12.5	15
Amer. Indian, Alaskan Native	292	12.6	6.4	6.3	13.6	12.8	15.3	13.7	24
Caucasian Amer./White	21613	13.2	6.7	6.6	14.2	13.7	15.8	14.3	24
Mexican Amer./Chicano	476	11.8	6.0	5.9	13.2	12.9	15.1	13.4	19
Asian Amer, Pacific Islander	197	15.1	7.6	7.5	17.0	15.2	17.8	16.4	28
Puerto Rican, Cuban, Hispanic	14	10.6	5.6	5.3	13.6	12.5	14.2	12.9	36
Multiracial	17	11.9	6.0	6.0	12.9	11.8	14.6	12.9	31
Other	39	13.2	7.0	6.6	13.5	13.3	15.4	13.9	24
Prefer not to respond	6	9.2	4.5	4.7	9.8	10.8	13.5	11.0	0
<b>Females</b>	<b>24073</b>	<b>14.4</b>	<b>7.5</b>	<b>7.0</b>	<b>14.4</b>	<b>14.3</b>	<b>16.0</b>	<b>14.9</b>	<b>25</b>
African American/Black	2483	12.8	6.8	6.2	12.9	12.7	14.9	13.5	18
Amer. Indian, Alaskan Native	251	14.0	7.4	6.9	14.3	13.8	15.8	14.6	32
Caucasian Amer./White	20542	14.6	7.6	7.1	14.7	14.5	16.2	15.1	26
Mexican Amer./Chicano	386	12.4	6.5	6.1	13.1	13.0	15.2	13.6	19
Asian Amer, Pacific Islander	194	15.9	8.1	7.7	16.5	15.6	17.5	16.5	30
Puerto Rican, Cuban, Hispanic	19	12.8	6.7	6.3	14.0	13.1	15.3	13.9	17
Multiracial	27	14.3	7.7	7.2	14.0	13.8	15.7	14.6	26
Other	68	13.6	7.1	6.6	13.5	13.6	14.9	14.0	17
Prefer not to respond	10	10.6	5.1	5.4	9.8	11.4	13.0	11.4	20

\* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies and natural science

Total Students in Report: 49518  
 Total Students Tested: 49749  
 Records Excluded: Extended Time: 0  
                             No Composite: 231  
                             Ext Time & No Comp: 0

Note: All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

Grade 8  
09–2006

National Norm Group : Fall 8th Grade

**TABLE 3: How do our students' EXPLORE Composite scores and course work plans relate to their educational plans?**

Educational plans category	Number of students	Percent of all students responding	Percent planning college core course work*	Mean Composite score	Percent in national Composite score quartiles			
					1–24%	25–49%	50–74%	75–100%
Do not plan to finish high school	340	1	18	10.9	80	9	9	2
No training planned after high school	968	2	20	11.8	67	12	18	4
Job training in the military services	2426	5	22	12.8	50	14	27	9
Apprentice / job training	839	2	21	12.3	59	11	22	8
Career / technical school	2238	5	21	13.2	42	16	31	11
2-year / junior college	2198	4	19	13.0	45	17	28	9
4-year college / university	13202	27	24	14.8	23	13	37	27
Graduate/Professional Studies	17819	36	29	15.5	17	11	36	35
Undecided	5333	11	21	14.4	28	14	35	22
Other plans	2935	6	16	13.0	48	15	28	10
No response	1220	2	21	13.6	40	13	29	17

**TABLE 4: How do our students' EXPLORE Composite scores and course work plans relate to their expressed needs for help?**

Need area	Number of students responding	Students expressing a need for help							
		Number of students	Percent of all students responding	Percent planning college core course work*	Mean Composite score	Percent in national Composite score quartiles			
						1–24%	25–49%	50–74%	75–100%
Exploring options after high school	49518	15732	32	25	14.9	26	11	33	30
Improving writing skills	49518	14878	30	24	14.1	32	13	33	21
Improving reading speed or comprehension	49518	12502	25	23	13.4	39	16	33	13
Improving study skills	49518	17805	36	24	14.1	31	14	35	20
Improving mathematical skills	49518	17195	35	23	13.7	36	15	32	17
Improving computer skills	49518	10291	21	25	14.2	32	13	32	23
Improving public speaking skills	49518	16926	34	26	15.0	23	12	36	30

\* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science.

Total Students in Report: 49518  
 Total Students Tested: 49749  
 Records Excluded: Extended Time: 0  
                             No Composite: 231  
                             Ext Time & No Comp: 0

Note: All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

Grade 8  
09–2006

National Norm Group: Fall 8th Grade

**TABLE 5a: How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career preferences from the Career Areas List?**

Career preference category from Career Areas List	Number of students			Percent planning college core course work*	Percent by educational plans					Mean Composite score
	Male	Female	Total		No HS/No training	Job train/ Appren	Career/ Tech/ 2 yr coll.	4 yr coll. or more	Other/ Undecided	
ADMINISTRATION & SALES	3367	1076	4449	22	5	17	8	51	19	13.5
Employment–Related Services	331	147	478	19	9	17	9	46	18	12.5
Marketing & Sales	590	277	870	17	6	7	8	58	20	13.6
Management	881	346	1228	20	4	7	10	59	19	13.6
Regulation & Protection	1565	306	1873	25	4	28	7	43	18	13.6
BUSINESS OPERATIONS	530	485	1015	19	3	7	11	62	17	13.7
Communications & Records	180	269	449	17	3	6	12	62	17	13.6
Financial Transactions	241	193	434	20	2	5	10	67	16	14.2
Distribution & Dispatching	109	23	132	21	8	14	13	44	18	12.5
TECHNICAL	8472	1802	10281	21	5	13	18	40	23	13.5
Transport Operation & Related	941	81	1022	22	7	25	13	33	22	13.1
Agriculture, Forestry & Related	947	675	1623	21	6	9	12	46	26	13.9
Computer & Information Specialties	1609	262	1872	20	2	6	20	51	20	14.6
Construction & Maintenance	1389	74	1465	23	8	16	16	36	24	13.1
Crafts & Related	472	507	979	21	4	8	11	49	28	13.7
Manufacturing & Processing	514	63	577	23	8	18	24	24	24	12.6
Mechanical & Electrical Specialties	2600	140	2743	19	6	15	25	32	22	13.1
SCIENCE & TECHNOLOGY	6627	8200	14846	27	1	3	5	81	10	15.4
Engineering & Technologies	3025	280	3312	24	1	8	10	65	15	15.3
Natural Science & Technologies	1149	974	2126	24	1	4	4	76	15	15.8
Medical Technologies	772	1539	2315	28	0	1	3	90	6	15.3
Medical Diagnosis & Treatment	1384	5061	6449	29	1	1	3	87	8	15.3
Social Science	297	346	644	29	2	4	4	78	12	15.2
ARTS	2730	5048	7785	26	2	3	8	61	25	15.1
Applied Arts (Visual)	862	1809	2672	25	2	4	10	59	25	15.1
Creative & Performing Arts	1575	2888	4468	26	2	3	8	60	26	15.0
Applied Arts (Written & Spoken)	293	351	645	31	1	2	5	76	16	16.3
SOCIAL SERVICE	2181	6240	8431	27	2	3	7	75	13	14.6
Health Care	381	1957	2340	23	2	2	7	78	11	14.3
Education	632	1776	2410	28	1	2	6	77	13	14.9
Community Services	947	1717	2669	30	1	3	3	85	8	15.0
Personal Services	221	790	1012	22	6	6	19	39	29	13.2
NO RESPONSE	1481	1222	2711	14	3	5	7	36	12	13.4

\* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science.

Total Students in Report: 49518  
Total Students Tested: 49749  
Records Excluded: Extended Time: 0  
                    No Composite: 231  
                    Ext Time & No Comp: 0

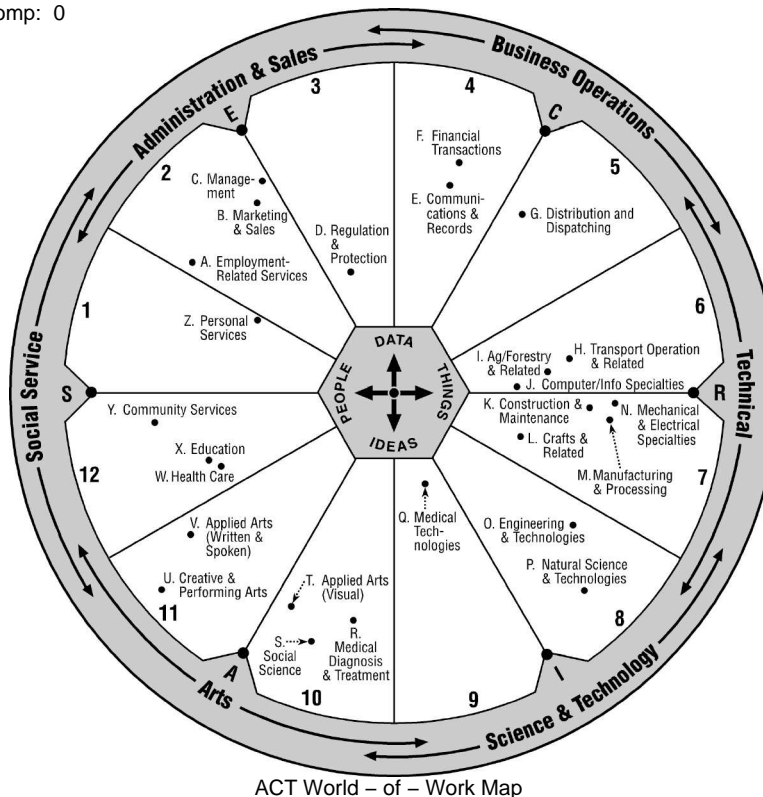
Note: All test scores are reported on the new EXPLORE score scale and are not directly comparable to scores reported prior to August 2001.

**TABLE 5b: How do our students' EXPLORE Composite scores, course work plans, and postsecondary plans relate to their career clusters from the World-of-Work Map?**

Career cluster category from Interest Inventory	Number of students			Percent planning college core course work*	Percent by educational plans					Mean Composite score	
	Male	Female	Total		No HS/No training	Job train/ Appren	Career/ Tech/ 2 yr coll.	4 yr coll. or more	Other/ Undecided		
First career cluster (Map regions)											
Social Service (01,12)	2533	5758	8297	25	1	4	7	74	12	14.8	
Administration & Sales (02–03)	2685	3369	6060	25	2	5	8	71	12	14.5	
Business Operations (04–05)	5562	2644	8218	22	5	10	13	49	20	13.5	
Technical (06–07)	7287	3498	10794	23	3	9	10	55	20	14.5	
Science & Technology (08–09)	3679	4466	8154	27	2	5	6	69	16	15.5	
Arts (10–11)	1111	2101	3218	25	2	4	7	67	18	15.0	
Second career cluster (Map regions)											
Social Service (01,12)	1194	2157	3357	25	1	5	7	69	17	14.9	
Administration & Sales (02–03)	1422	3363	4789	26	1	3	6	78	10	14.9	
Business Operations (04–05)	1707	2300	4012	24	2	5	9	70	12	14.3	
Technical (06–07)	5276	2230	7512	22	5	10	14	47	21	13.4	
Science & Technology (08–09)	5856	2946	8810	24	2	8	10	59	18	14.7	
Arts (10–11)	4283	5825	10119	26	2	5	7	67	17	15.2	
No Region	2317	2079	4401	25	0	0	0	0	0	14.0	

\* College core course work: 4 or more years of English and 3 or more years each of mathematics, social studies, and natural science.

Total Students in Report: 49518  
 Total Students Tested: 49749  
 Records Excluded: Extended Time: 0  
 No Composite: 231  
 Ext Time & No Comp: 0

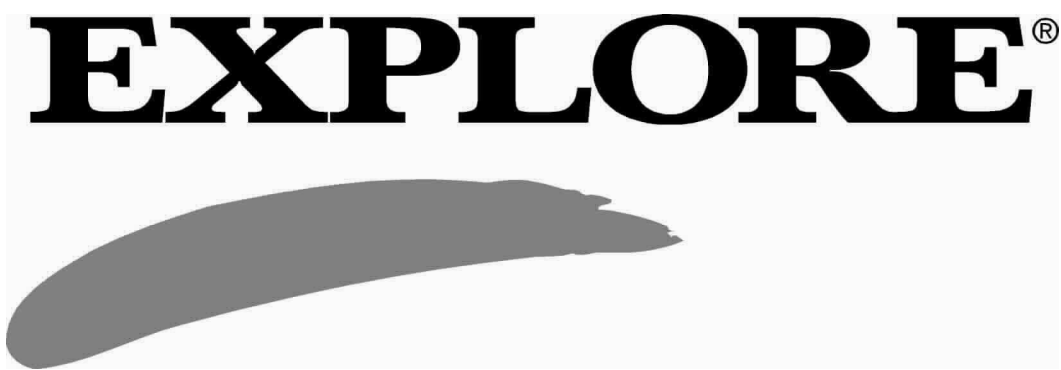




Grade 8  
09–2006**TABLE 6: How did our students respond to the local supplemental items in block H?**

Local item	Student response									
	A		B		C		D		E	
	N	%	N	%	N	%	N	%	N	%
1	98	0%	31	0%	16	0%	35	0%	4	0%
2	63	0%	32	0%	14	0%	21	0%	6	0%
3	24	0%	16	0%	50	0%	13	0%	12	0%
4	19	0%	22	0%	44	0%	18	0%	12	0%
5	13	0%	16	0%	29	0%	35	0%	17	0%
6	13	0%	25	0%	24	0%	26	0%	20	0%
7	20	0%	23	0%	30	0%	21	0%	7	0%
8	13	0%	28	0%	33	0%	21	0%	10	0%
9	9	0%	21	0%	25	0%	22	0%	17	0%
10	6	0%	17	0%	29	0%	26	0%	17	0%
11	10	0%	22	0%	11	0%	29	0%	26	0%
12	27	0%	17	0%	5	0%	10	0%	29	0%

Total Students in Report: 49518  
 Total Students Tested: 49749  
 Records Excluded: Extended Time: 0  
                             No Composite: 231  
                             Ext Time & No Comp: 0

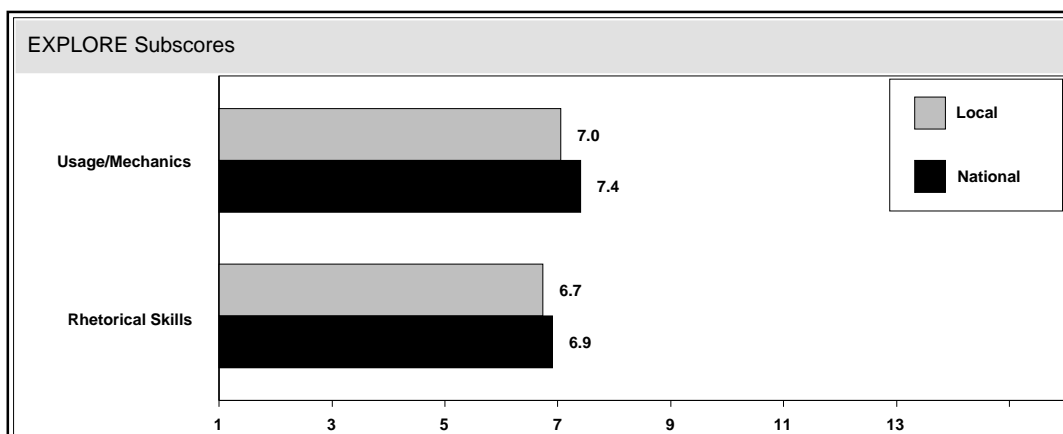
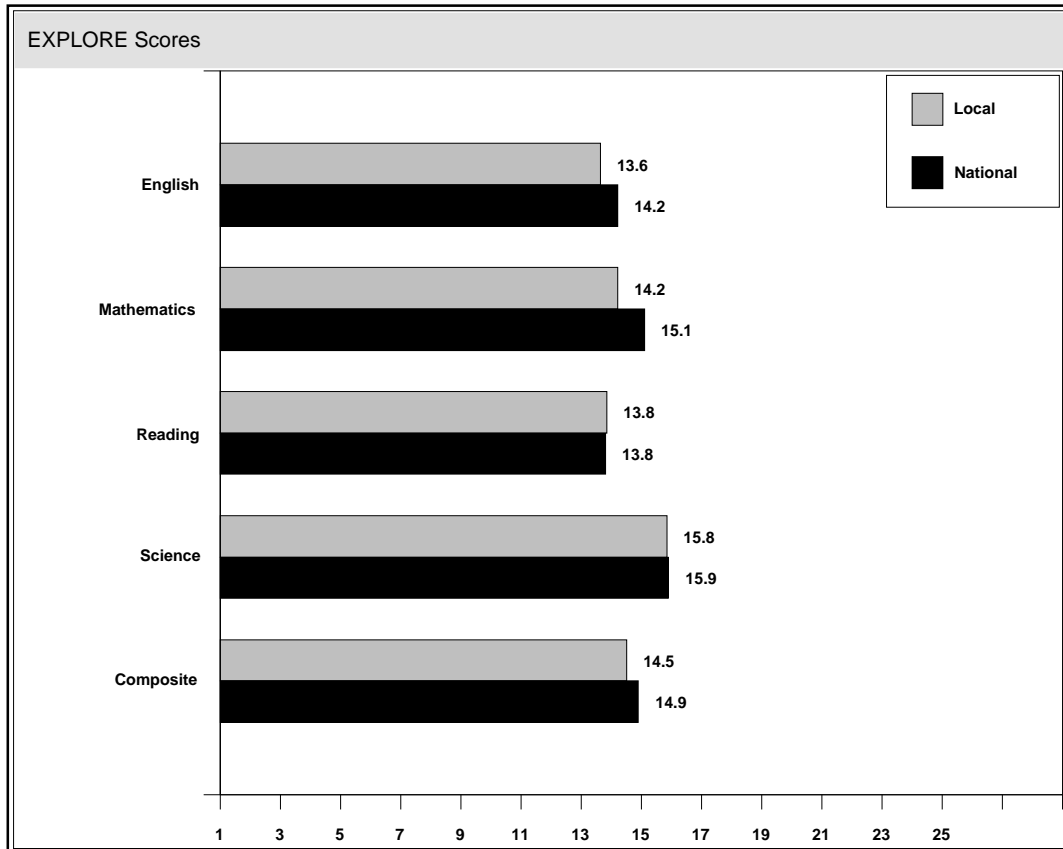


**PRESENTATION PACKET  
KENTUCKY EPAS 2006–2007**

**CODE 99999999  
TEST DATE: 09–2006  
NAT'L NORM GROUP: Fall 8th Grade**

Grade 8  
09–2006

National Norm Group: Fall 8th Grade

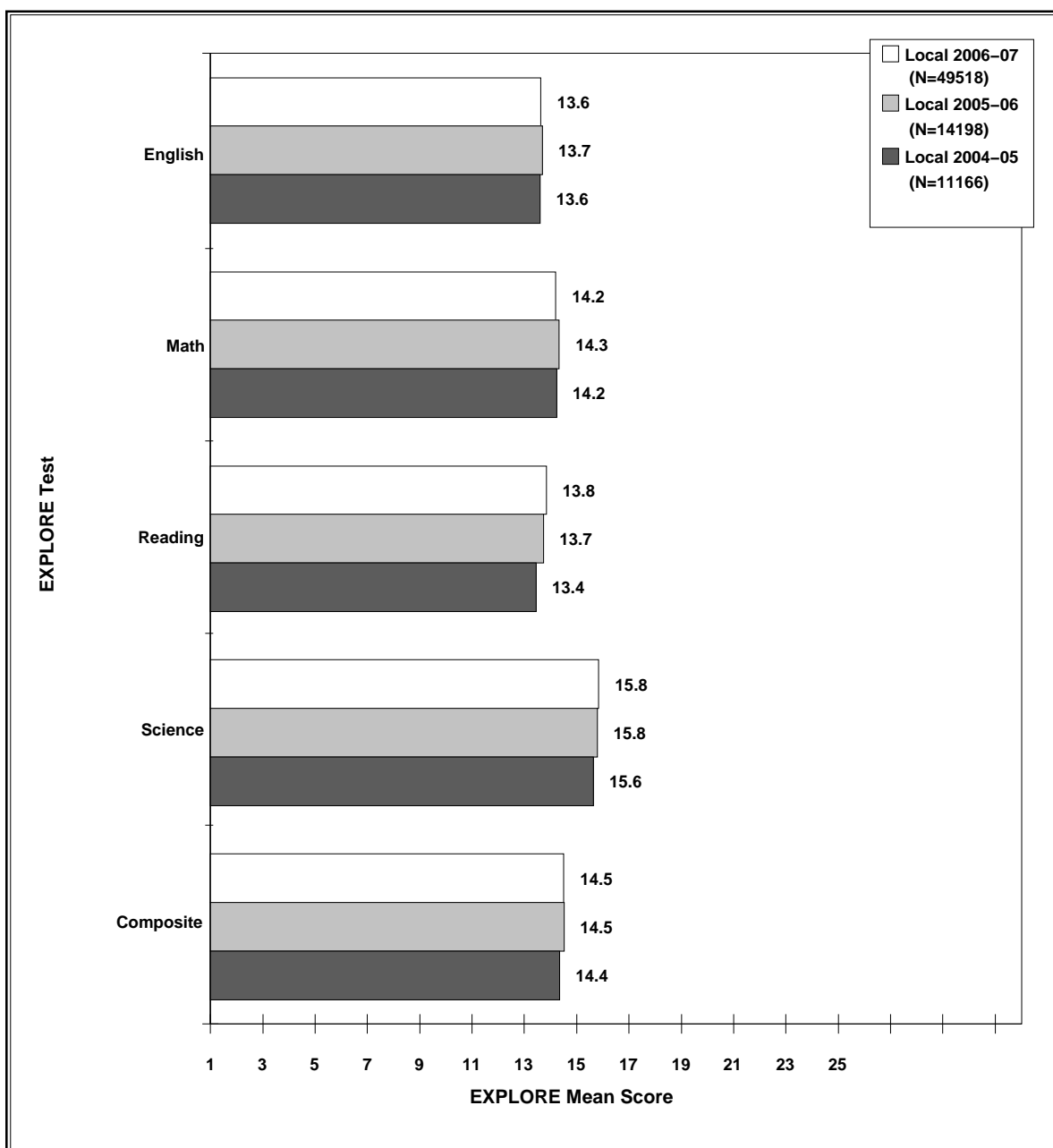
**Chart 1: How does our students' performance compare with that of students in the national norm group?**

Total students in report: 49518

This chart shows how the average score performance of our students compares with that of students nationwide.

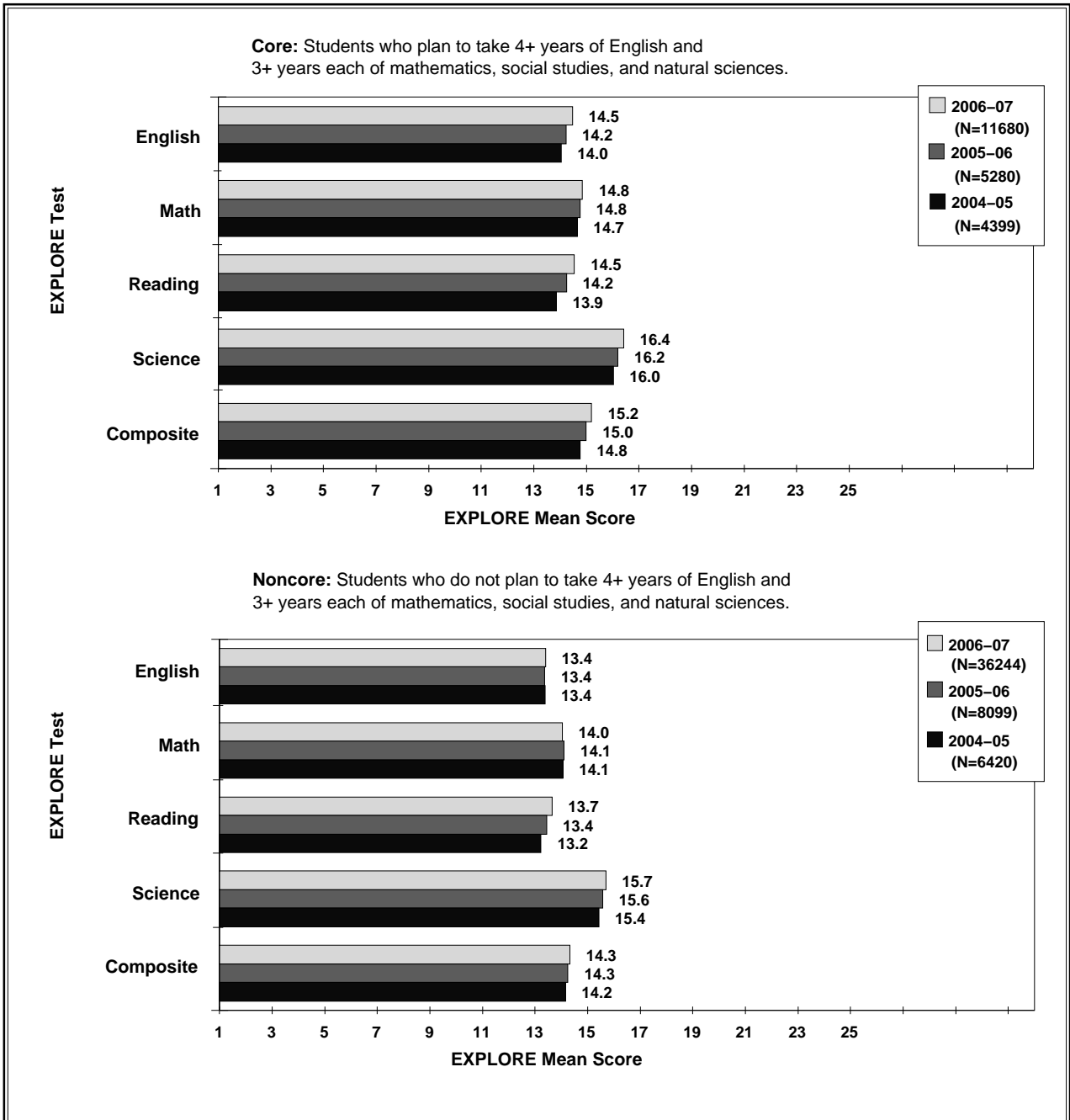
Grade 8  
09–2006

National Norm Group : Fall 8th Grade

**Chart 2. Is the academic achievement of our students improving?**

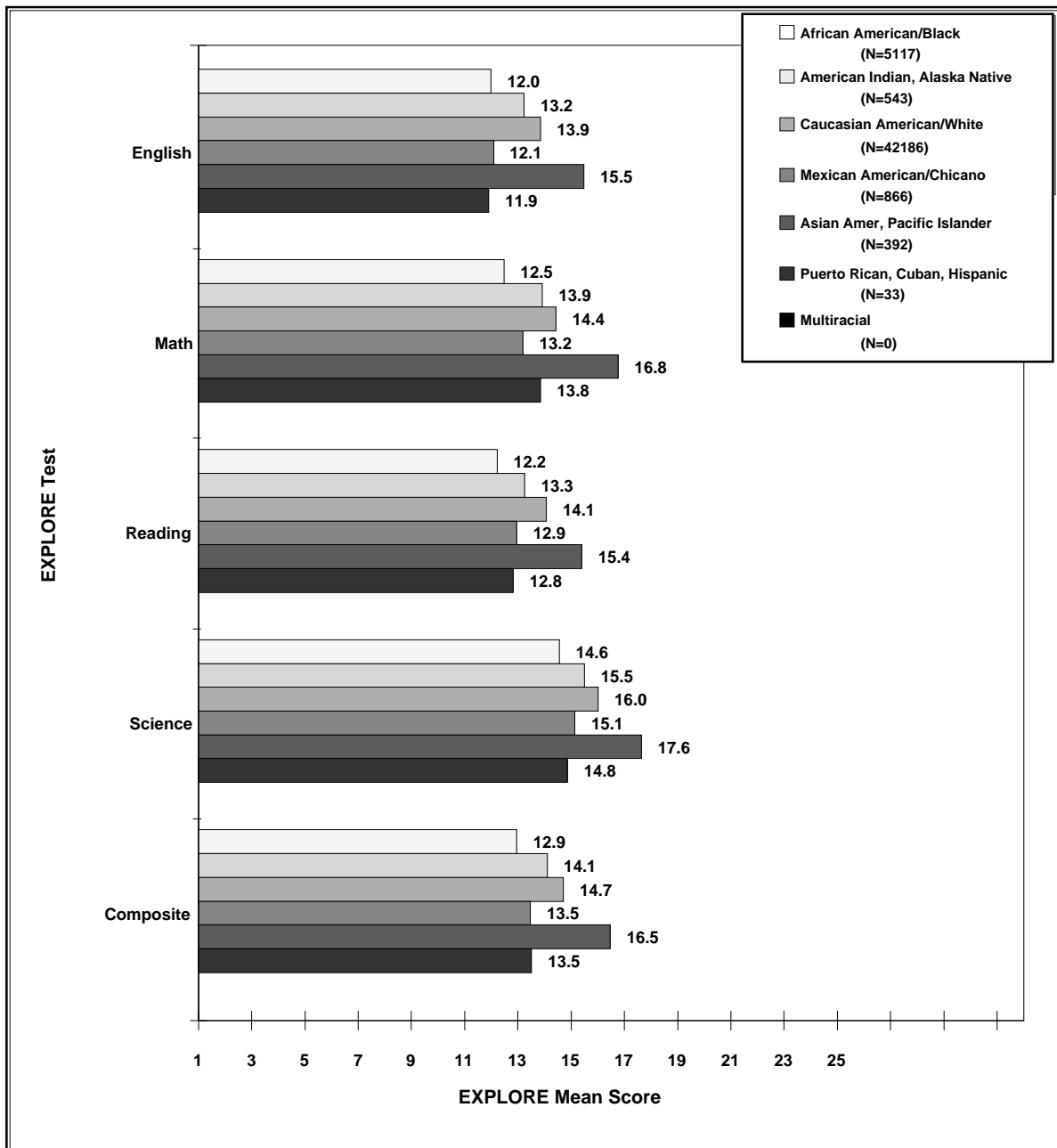
Total students in report: 49518

This chart shows the average performance of our students for the past three years. Results are shown for groups of 5 or more students.

**Chart 3. Are our students adequately preparing themselves to be successful?**

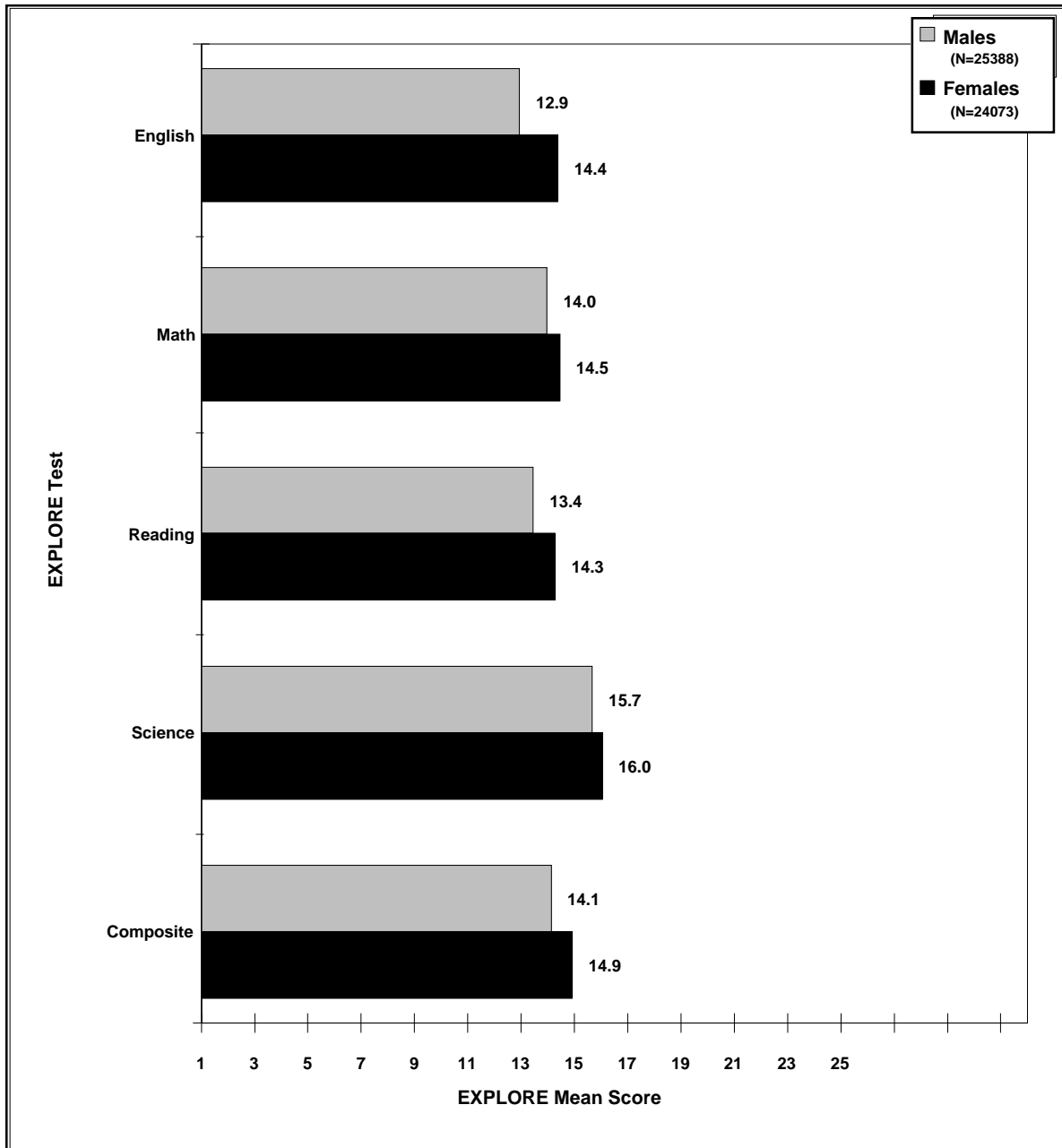
Total students in report: 49518

This chart shows the average performance of our students for the past three years by planned course work (core or noncore). Results are shown for groups of 5 or more students.

**Chart 4. Are our students achieving similarly  
across racial/ethnic groups?**

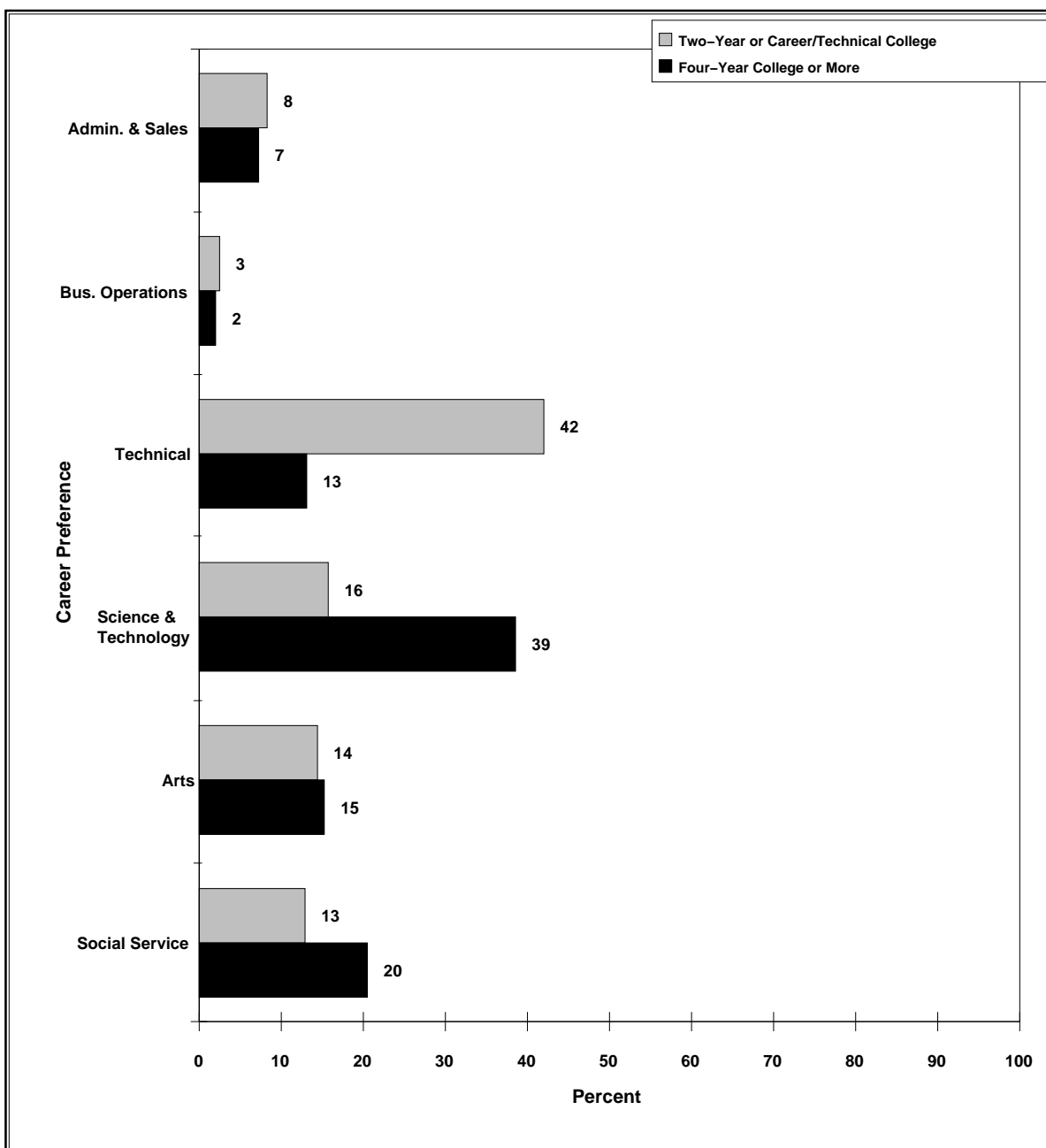
Total students in report: 49518

This chart shows our students' EXPLORE performance by race/ethnicity. Results are shown for groups of 5 or more students.

**Chart 5. Are our students achieving similarly  
across gender groups?**

Total students in report: 49518

This chart shows our students' EXPLORE performance by gender. Results are shown for groups of 5 or more students.

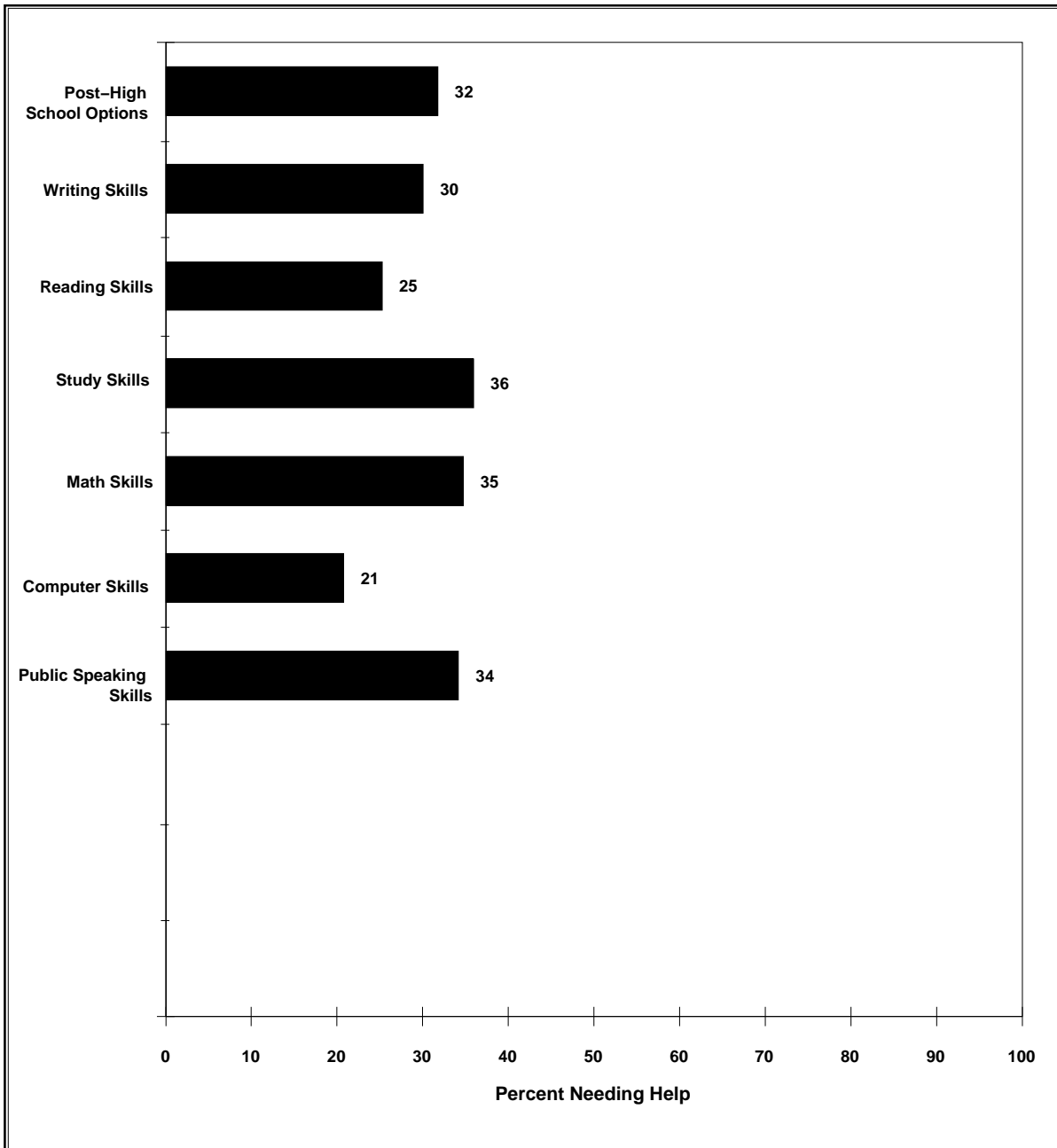
**Chart 6. How do our students differ in their career preferences?**

Total students in report: 49518

This chart compares the career preferences of our students who plan to attend either a two-year or career/technical college with those who plan to attend at least a four-year college.



**Chart 7. What percentage of our students reported needing help in particular areas?**



Total students in report: 49518

This chart shows the percentages of our students who reported needing help in these areas.